

US009510700B2

# (12) United States Patent Hakim

(10) Patent No.: US 9,510,700 B2 (45) Date of Patent: \*Dec. 6, 2016

#### (54) NO-SPILL DRINKING CUP APPARATUS

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(\*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 14/249,203

(22) Filed: Apr. 9, 2014

(65) **Prior Publication Data** 

US 2014/0217129 A1 Aug. 7, 2014

## Related U.S. Application Data

(63) Continuation of application No. 12/797,061, filed on Jun. 9, 2010, now Pat. No. 8,695,841, which is a continuation of application No. 11/825,793, filed on Jul. 9, 2007, now Pat. No. 7,789,264, which is a continuation of application No. 10/083,656, filed on Feb. 25, 2002, now Pat. No. 7,243,814, which is a continuation of application No. 09/271,779, filed on Mar. 18, 1999, now Pat. No. 6,357,620, which is a continuation-in-part of application No. 09/138,588, filed on Aug. 21, 1998, now Pat. No. 6,321,931, said application No. 12/797,061 is a continuation-in-part of application No. 11/787,672, filed on Apr. 17, 2007, now Pat. No. 7,789,263, which is a continuation of application No. 10/001,257, filed on Nov. 27, 2001, now Pat. No. 7,204,386, which is a continuation of application No. 09/138,588, application No. 14/249,203, which is a continuation of application No. 12/877,021, filed on Sep. 7, 2010, now Pat. No.

(Continued)

(51)	Int. Cl.	
	A47G 19/12	(2006.01)
	B65D 51/16	(2006.01)
	A47J 31/46	(2006.01)
	F16K 3/28	(2006.01)
	F16K 7/12	(2006.01)
	F16K 15/14	(2006.01)
	B65D 47/20	(2006.01)
	A47G 19/22	(2006.01)
	B65D 43/02	(2006.01)

(52) **U.S. CI.** CPC ...... *A47G 19/2272* (2013.01); *B65D 43/0231* (2013.01); *B65D 47/2031* (2013.01); *B65D 51/16* (2013.01); *B65D 51/165* (2013.01);

*B65D 2543/00046* (2013.01); *B65D* 2543/00092 (2013.01); *B65D 2543/00296* (2013.01); *B65D 2543/00351* (2013.01); *B65D* 2543/00527 (2013.01); *B65D 2543/00537* 

(2013.01); *B65D 2543/00972* (2013.01)

(58) Field of Classification Search

CPC ...... A47J 31/46; A47J 19/2272; F16K 3/28; F16K 7/12; F16K 15/145; B65D 47/2031; B65D 51/165

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# (57) ABSTRACT

An improved no-spill cup construction and valve assembly which provides an extremely secure seal against accidental liquid flow from the cup spout. An initially blocked opening in a flexible material moves up along a protruding member until the opening is unblocked, so as to allow fluid flow.

### 16 Claims, 17 Drawing Sheets

